Refine Search

Search Results -

Term	Documents
(4 AND 9).PGPB,USPT,DWPI.	4
(L4 AND L9).PGPB,USPT,DWPI.	4

Database:
- US Pre-Grant Publication Full-Text Database
- US Patents Full-Text Database
- US OCR Full-Text Database
- EPO Abstracts Database
- JPO Abstracts Database
- Derwent World Patents Index
- IBM Technical Disclosure Bulletins

Search: L11

Refine Search

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Search History

DATE: Tuesday, February 03, 2004 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,DWPI; PLUR=YES; OP=ADJ			
L11	l4 and l9	4	L11
L10	l5 and l8	14	L10
L9	l5 and l7	261	L9
L8	vinylidene same fluoride hexafluoropropylene same copolymer	2046	L8

L7	lubricant	217408	L7
L6	l4 and L5	37	L6
L5	l1 and l2 and l3	2428	L5
L4	process same single site same catalyst	557	L4
L3	polypropylene	286356	L3
L2	spunbonded same (nonwoven or non-woven or unwoven or un-woven)	3191	L2
L1	fabric or textile	418030	L1

END OF SEARCH HISTORY

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NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	SEP 09	CA/CAplus records now contain indexing from 1907 to the present
NEWS 4	DEC 08	INPADOC: Legal Status data reloaded
NEWS 5	SEP 29	DISSABS now available on STN
NEWS 6	OCT 10	PCTFULL: Two new display fields added
NEWS 7	OCT 21	BIOSIS file reloaded and enhanced
NEWS 8	OCT 28	BIOSIS file segment of TOXCENTER reloaded and enhanced
NEWS 9	NOV 24	MSDS-CCOHS file reloaded
NEWS 10	DEC 08	CABA reloaded with left truncation
NEWS 11	DEC 08	IMS file names changed
NEWS 12	DEC 09	Experimental property data collected by CAS now available in REGISTRY
NEWS 13	DEC 09	STN Entry Date available for display in REGISTRY and CA/CAplus
NEWS 14	DEC 17	DGENE: Two new display fields added
NEWS 15	DEC 18	BIOTECHNO no longer updated
NEWS 16	DEC 19	CROPU no longer updated; subscriber discount no longer available
NEWS 17	DEC 22	Additional INPI reactions and pre-1907 documents added to CAS databases
NEWS 18	DEC 22	IFIPAT/IFIUDB/IFICDB reloaded with new data and search fields
NEWS 19	DEC 22	ABI-INFORM now available on STN
NEWS 20	JAN 27	Source of Registration (SR) information in REGISTRY updated and searchable
NEWS 21	JAN 27	A new search aid, the Company Name Thesaurus, available in CA/CAplus

NEWS EXPRESS	DECEMBER 28 CURRENT WINDOWS VERSION IS V7.00, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 23 SEPTEMBER 2003
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FILE COVERS 1907 - 3 Feb 2004  VOL 140 ISS 6
FILE LAST UPDATED: 2 Feb 2004  (20040202/ED)

  This file contains CAS Registry Numbers for easy and accurate
  substance identification.


=> s fabric or textile
         91438 FABRIC
         83005 FABRICS
        126461 FABRIC
                 (FABRIC OR FABRICS)
         76023 TEXTILE
         97996 TEXTILES
        128284 TEXTILE
                 (TEXTILE OR TEXTILES)
L1      199435 FABRIC OR TEXTILE

=> s polypropylene
        141017 POLYPROPYLENE
          1896 POLYPROPYLENES
L2      141221 POLYPROPYLENE
                 (POLYPROPYLENE OR POLYPROPYLENES)

=> s spunbonded or spun-bonded
           618 SPUNBONDED
             1 SPUNBONDEDS
           618 SPUNBONDED
                 (SPUNBONDED OR SPUNBONDEDS)
         40365 SPUN
             3 SPUNS
         40366 SPUN
                 (SPUN OR SPUNS)
        152024 BONDED
             1 BONDEDS
        152024 BONDED
                 (BONDED OR BONDEDS)
           372 SPUN-BONDED
                 (SPUN(W)BONDED)
L3         963 SPUNBONDED OR SPUN-BONDED
```

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=> s process (l)single site catalyst
       1897071 PROCESS
       1245706 PROCESSES
       2812598 PROCESS
                 (PROCESS OR PROCESSES)
       1085631 SINGLE
          2637 SINGLES
       1087888 SINGLE
                 (SINGLE OR SINGLES)
        501970 SITE
        466394 SITES
        822997 SITE
                 (SITE OR SITES)
        647300 CATALYST
        651597 CATALYSTS
        828958 CATALYST
                 (CATALYST OR CATALYSTS)
           628 SINGLE SITE CATALYST
                 (SINGLE(W)SITE(W)CATALYST)
L4          92 PROCESS (L)SINGLE SITE CATALYST

=> s vinylidene(l)(fluoride hexafluoropropylene)(l)copolymer
         32795 VINYLIDENE
            96 VINYLIDENES
         32822 VINYLIDENE
                 (VINYLIDENE OR VINYLIDENES)
        226369 FLUORIDE
         42742 FLUORIDES
        241314 FLUORIDE
                 (FLUORIDE OR FLUORIDES)
          6308 HEXAFLUOROPROPYLENE
             2 HEXAFLUOROPROPYLENES
          6308 HEXAFLUOROPROPYLENE
                 (HEXAFLUOROPROPYLENE OR HEXAFLUOROPROPYLENES)
           502 FLUORIDE HEXAFLUOROPROPYLENE
                 (FLUORIDE(W)HEXAFLUOROPROPYLENE)
        516095 COPOLYMER
        172387 COPOLYMERS
        561844 COPOLYMER
                 (COPOLYMER OR COPOLYMERS)
L5         398 VINYLIDENE(L)(FLUORIDE HEXAFLUOROPROPYLENE)(L)COPOLYMER

=> s lubricant
         60659 LUBRICANT
         67379 LUBRICANTS
L6       92147 LUBRICANT
                 (LUBRICANT OR LUBRICANTS)

=> s l1 and l2 and l3
L7         406 L1 AND L2 AND L3

=> s l5 and l7
L8           0 L5 AND L7

=> s l7 and l6
L9           8 L7 AND L6

=> s l7 and l4
L10          1 L7 AND L4

=> d l9 1-8 bib,abs

L9   ANSWER 1 OF 8  CAPLUS  COPYRIGHT 2004 ACS on STN
AN   2002:748224  CAPLUS
```

DN 137:264333
TI Composite sheets for ink-jet printing **fabrics** with good ink absorption properties and printability comprising composites having a **fabric** adhered to a reinforcing release layer by an adherable thermoplastic elastomer fiber nonwoven **fabric**
IN Hatta, Nobuo
PA Kuraray Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002285482	A2	20021003	JP 2001-86593	20010326
PRAI	JP 2001-86593		20010326		

AB The ink-jet printing composite sheets (A) comprise a **fabric** adhered to a reinforcing layer by sandwiching an adherable thermoplastic elastomer fiber nonwoven **fabric** between the **fabric** and the reinforcing layer, or the composite sheets comprise A composite sheets having the **fabric** comprising a polyester **fabric**, or the composite sheets comprise A composite sheets having the thermoplastic elastomer fiber nonwoven **fabric** comprising a melt-blown nonwoven **fabric**, or the composite sheets comprise A composite sheets having the reinforcing layer comprising a **spunbonded** polyolefin nonwoven **fabric** exhibiting stress (S) .gtoreq.1.0 kg/5 cm at stretch 10%, or the composite sheets comprise A composite sheets having the thermoplastic elastomer fiber nonwoven **fabric** comprising a hydrophilized nonwoven **fabric**. A melt-blown nonwoven **fabric** of spun fibers from a blend comprising 60 parts polystyrene-type rubber (Septon) and **polypropylene** (I) and a **spunbonded** I fiber nonwoven **fabric** with S 1.5 kg/5 cm were together embossed at roll temp. 100.degree. and calendered with a woven pongee of PET fibers at calender roll temp. 140.degree. to give a composite sheet showing air permeation rate 2.5 cm3/cm2-s. The composite sheet was ink-jet printed to give a printed **fabric** exhibiting slight oozing of the ink in the printed portion and showing strength of bonding between the **fabric** and the reinforcing release layer 1.3 kg/5 cm and good release properties of the reinforcing layer..

L9 ANSWER 2 OF 8 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:220888 CAPLUS
DN 136:248996
TI **Spunbonded** and melt-blown multilayer **polypropylene** nonwoven **fabric** for absorbent medical sheets
IN Ishikawa, Masahide; Kurahashi, Akihiko
PA Idemitsu Unitech Co., Ltd., Japan
SO PCT Int. Appl., 24 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002022933	A1	20020321	WO 2001-JP8051	20010917

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

JP 2002088633 A2 20020327 JP 2000-282065 20000918
AU 2001088051 A5 20020326 AU 2001-88051 20010917
EP 1327713 A1 20030716 EP 2001-967702 20010917
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
PRAI JP 2000-282065 A 20000918
WO 2001-JP8051 W 20010917

AB Title multilayer nonwoven **fabric**, contg. both **spun-bonded** and melt-blown **polypropylene** nonwoven **fabric** layers, is characterized by the flexural rigidity/softness (JIS L 1096 6. 19.1 A with 45.degree.-cantilever method) of 70-120 mm and the static friction coeff. of the **spun-bonded** **fabric** 0.1-0.4. The nonwoven **fabric** is suitable for the uses as disposable diapers and sanitary napkins.

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:924065 CAPLUS
DN 136:42923
TI **Spunbonded** nonwoven **fabrics** containing polyolefin resins for absorbent article
IN Ishikawa, Masahide
PA Idemitsu Unitech Co., Ltd., Japan; Kurahashi, Akihiko
SO PCT Int. Appl., 32 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001096641	A1	20011220	WO 2001-JP4984	20010613
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
JP 2002069820	A2	20020308	JP 2000-188726	20000623
JP 2002038364	A2	20020206	JP 2000-225657	20000726
AU 2001064259	A5	20011224	AU 2001-64259	20010613
EP 1357216	A1	20031029	EP 2001-938623	20010613
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
US 2003181112	A1	20030925	US 2003-297596	20030516

PRAI JP 2000-176508 A 20000613
JP 2000-188726 A 20000623
JP 2000-225657 A 20000726
WO 2001-JP4984 W 20010613

AB Disclosed is a **spunbonded** nonwoven **fabric** which is made of a polyolefin resin and has an av. fiber diam. of 5-60 .mu.m, a basis wt. of 5-200 g/m2, and a coeff. of static friction of 0.1-0.4; or a **spunbonded** nonwoven **fabric** which is made of a **polypropylene** resin and has a bending resistance [sum of the values for the longitudinal and transverse directions as obtained according to JIS L 1096, 6.19.1, method A (45.degree. cantilever method)] of 70-120 mm and a coeff. of static friction of 0.1-0.4. The nonwoven **fabric** is suitable for use in an adsorbent, e.g. a disposable diaper, an incontinence pad, or a sanitary napkin. A nonwoven **fabric** was prepd. from cryst. **polypropylene** resin, erucic acid amide **lubricant**, and preservatives.

RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 4 OF 8 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:924064 CAPLUS
DN 136:58873
TI Nonwoven-**fabric** laminate containing polyolefin resins and use thereof
IN Ishikawa, Masahide; Kurahashi, Akihiko
PA Idemitsu Unitech Co., Ltd., Japan
SO PCT Int. Appl., 26 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001096640	A1	20011220	WO 2001-JP4983	20010613
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	JP 2001355173	A2	20011226	JP 2000-176627	20000613
	AU 2001064258	A5	20011224	AU 2001-64258	20010613
	EP 1298240	A1	20030402	EP 2001-938622	20010613
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	US 2003181119	A1	20030925	US 2003-297594	20030506
PRAI	JP 2000-176627	A	20000613		
	WO 2001-JP4983	W	20010613		

AB Disclosed is a nonwoven-**fabric** laminate which comprises a **spunbonded** nonwoven polyolefin resin **fabric** having an av. fiber diam. of 5-60 .mu.m and superposed thereon a moisture-permeable water-proofing material (a melt-blown nonwoven **fabric**, microporous resin film, etc.) and in which the **spunbonded** nonwoven **fabric** side has a coeff. of static friction of 0.1 to 0.4. A **polypropylene spunbonded** nonwoven **fabric** contg. erucic acid amide **lubricant** was laminated with **polypropylene** melt-blown nonwoven **fabric** (Microflex PC 0020).

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:545937 CAPLUS
DN 135:108571
TI **Spunbonded** nonwoven **fabrics** comprising **polypropylene** fibers with reduced surface coarseness and laminates of the nonwoven **fabrics** with meltblown nonwoven **fabrics** therefrom
IN Toriumi, Michio
PA Mitsui Chemicals, Inc., Japan
SO PCT Int. Appl., 31 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

PI WO 2001053585 A1 20010726 WO 2000-JP219 20000119
W: CA, JP, US
PRAI WO 2000-JP219 20000119
AB The nonwoven **fabrics** comprise **spunbonded** nonwovens (A) comprising fibers comprising **polypropylene** (I) and having fiber diam. 0.8-2.8 denier, av. frictional coeff. (MIU) 0.1-0.3, thickness uniformity value .ltoreq.0.8, water resistance .gtoreq.60 mmH2O, and air permeation rate .ltoreq.480 mL/cm2-s, or the nonwoven **fabrics** comprise **spunbonded** nonwovens (B) comprising fibers spun from compns. comprising 99.995-99.7% I showing ratio (Mw/Mn) of wt.-av. mol. wt. to no.-av. mol. wt. 1-3.5 as detd. by the gel permeation chromatog. and exhibiting melt flow rate (MFR; ASTM D 1238) at 230.degree. and load 2.16 kg 0.01-300 g/10 min, and 0.005-0.3% hexafluoropropylene-vinylidene fluoride copolymer (II), or the nonwoven **fabrics** comprise A or B **spunbonded** nonwovens having I prepd. using single-site catalysts. The nonwoven **fabrics** are useful for diapers, sanitary napkins, disposable undergarments, and bags for laundries and cosmetics. A compn. comprising metallocene-catalyzed I with MFR 30 g/10 min, m.p. 149.degree., crystn. temp. 108.degree., and Mw/Mn 2.8 and 0.04% (as II) Dynamar FX-9613 (**lubricant** contg. II 90, talc 6, CaCO3 2, silicon oxide 2%) was melt spun, suctioned at 3900 m/min, and piled on a screen belt to give a **spunbonded** nonwoven **fabric** comprising fibers with diam. <2.5 and exhibiting MIU (KES-SE friction tester) <0.27, thickness uniformity value <0.71 as detd. by a specified testing, water resistance (JIS L-1092) >65 mmH2O, and air permeation rate 430 mL/cm2-s and showing soft touch rating (10 panelists) .gtoreq.7 panelists.
RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1998:304218 CAPLUS
DN 128:322824
TI Compositions for permanent hydrophilic treatment of polyolefin fibers
IN Dzen, Zang-ju; Wild, Christine
PA Schill & Seilacher G.m.b.H. & Co., Germany
SO Eur. Pat. Appl., 11 pp.
CODEN: EPXXDW
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 839947	A2	19980506	EP 1997-118710	19971028
	EP 839947	A3	19980819		
	EP 839947	B1	20031029		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	DE 19645380	A1	19980507	DE 1996-19645380	19961104
PRAI	DE 1996-19645380	A	19961104		

OS MARPAT 128:322824
AB The title compns., esp. spinning prepns., which give good cohesion and static resistance, contain 15-75% nonionic surfactants and 85-25% quaternary ammonium compds. and/or polysiloxanes of specified structure. A mixt. of fatty acid esters of ethoxylated MeOH 31.5, bis(2-carboxyethyl)(2-hydroxyethyl)methylammonium methosulfate bis(palm oil acid) ester 48.5, ethoxylated castor oil (cohesion agent) 10, and polyethylene glycol fatty acid ester (emulsifier-**lubricant**) 10% was applied as a 10% aq. dispersion to a **spun-bonded** **polypropylene** fiber fleece, giving a product with hydrophilicity (Mahlo) test rating 60 units and sink time 7.8 s; vs. 35 and 3.8, resp., for untreated fleece.

L9 ANSWER 7 OF 8 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1998:214566 CAPLUS

DN 128:271671
TI Method for manufacture of nonwoven **fabrics** containing long fibers
IN Fujiwara, Toshikatsu; Terakawa, Yasuki; Sugawara, Shigeyuki
PA Chisso Corp., Japan
SO Jpn. Kokai Tokkyo Koho, 15 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 10088459	A2	19980407	JP 1996-240747	19960911
PRAI	JP 1996-240747		19960911		

AB The title **fabrics** with good flexibility and fiber-adhesion strength even at low temp. are manufd. by laying **spun-bonded** core-sheath fibers on a continuous screen conveyor while vacuuming from the back side of the conveyor, then pressing the resulting long-fiber fleece between a nip of emboss roll and flat roll to create point-bonded areas where a mixt. of olefin copolymers (e.g., ethylene-propylene copolymer) or terpolymers (e.g., butene-ethylene-propylene copolymer) having low m.p. or softening point with 2-20% hydrocarbon-based **lubricants** and a cryst. thermoplastic resin (e.g., **polypropylene** and PET polyester) are used as a 1st component and a 2nd component of the core-sheath fibers, resp.

L9 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1997:251054 CAPLUS
DN 126:278936
TI Disposable nonwoven wiping sheets for mops with good dust adsorption and dust retention properties
IN Inaba, Mihoko; Sakamoto, Noryuki; Kashiwada, Toshinobu
PA Lion Corp, Japan
SO Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09066014	A2	19970311	JP 1995-248756	19950901
PRAI	JP 1995-248756		19950901		

AB The wiping sheets are prepd. by laminating one or two sides of nonwoven **fabrics** of long fibers with webs comprising hydrophilic fibers and crimpable synthetic fibers (A) to form sheets contg. A fibers having three-dimensional crimps. The materials are optionally treated with dust-control agents comprising 95-70% **lubricants** and 5-30% surfactants to form laminates contg. 1-20% dust-control agents. A **spunbonded** nonwoven **fabric** was laminated on two sides with a carded web comprising 80% spun bicomponent fibers from ethylene-propylene copolymer and **polypropylene** and 20% rayon fibers, sprayed with H2O at 50 kg/cm2 on two sides, dried, and sprayed with a compn. contg. 85% liq. paraffin and 15% polyoxyethylene C12-13-alkyl ether to give a nonwoven sheet contg. 5% dust-control agent and exhibiting good dust adsorption and dust retention properties and good polishing agent absorption and coating properties.

=> d l10 bib,abs

L10 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1995:713695 CAPLUS
DN 123:85829
TI Polyolefin fibers, method of production and **fabrics** from

IN Stahl, G. Allan; McAlpin, James John
PA Exxon Chemical Patents, Inc., USA
SO PCT Int. Appl., 48 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9428219	A1	19941208	WO 1994-US6017	19940525
	W: AU, CA, CN, JP				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9469891	A1	19941220	AU 1994-69891	19940525
	AU 680263	B2	19970724		
	EP 700464	A1	19960313	EP 1994-918668	19940525
	R: BE, CH, DE, ES, FR, GB, IT, LI, NL, SE				
	CN 1128055	A	19960731	CN 1994-192812	19940525
	CN 1069707	B	20010815		
	JP 08510801	T2	19961112	JP 1994-500992	19940525
	JP 2902784	B2	19990607		
	EP 854212	A1	19980722	EP 1998-105966	19940525
	R: BE, CH, DE, ES, FR, GB, IT, LI, NL, SE				
PRAI	US 1993-66737	A	19930525		
	US 1993-164520	A	19931209		
	EP 1994-918668	A3	19940525		
	WO 1994-US6017	W	19940525		

AB Title fibers comprise reactor-grade polyolefins produced by single-site catalysis. Polyolefins with a melt flow rate of .ltoreq.5000 dg/min and MWD of 1.0-3.5 was also claimed. Isotactic **polypropylene** with MFR 40 produced using a metallocene catalyst, (catalyst prepn. given) was spun at 2000 m/min to give fibers with tenacity of 3.54 g/denier, compared to 1.51 g/denier for a fiber prepd. from Ziegler-Natta catalyst-produced **polypropylene** with MFR 35 spun at 2000 m/min. **Spun-bonded** and melt blown webs were manufd. using **polypropylene** produced by single-site catalysis giving improved web strength and better air filtration properties.